

**PATENT**

**Certificate of Electronic Transmission**

I hereby certify that this correspondence for Application No. 10/747,842 is being electronically transmitted to Technology Center 2125, via EFS-WEB, on April 14, 2006.

/William R. Allen/

William R. Allen, Reg. No. 48,389

April 14, 2006

Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Sanjeev Kaushal et al.	Confirmation No.: 6182
Serial No.:	10/747,842	
Filed:	December 29, 2003	
Group Art Unit:	2125	
Examiner:	Michael D. Masinick	
Title:	METHODS FOR ADAPTIVE REAL TIME CONTROL OF A THERMAL PROCESSING SYSTEM	
Attorney Ref. No.:	CT-002	

Cincinnati, Ohio 45202

April 14, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT UNDER 37 CFR § 1.111**

In response to the Office Action of January 25, 2006, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks** begin on page 11 of this paper.